

Amendments to the Claims:

This listing of claims replaces prior versions, and listings, of claims in the application:

Listing of Claims:

1. (CURRENTLY AMENDED) Vehicle power and telematic control system
5 comprising:
an electronic controller;
a fuel cell module; and
a telematic appliance,
wherein the electronic controller couples electrical power from the fuel cell module
10 adaptively to the telematic appliance, a software being run by the controller to manage the
power adaptively by redistributing such power reactively or proactively according to a
determined load ratio, or power usage proportion.
2. (ORIGINAL) The control system of claim1 wherein:
15 the electronic controller stores the electrical power from the fuel cell module by recharging
a lithium-ion battery.
3. (ORIGINAL) The control system of claim 1 wherein:
the electronic controller configures the fuel cell module to generate a 42-volt or 14-volt
20 electrical power.
4. (ORIGINAL) The control system of claim 1 wherein:

the electronic controller couples to the fuel cell module or the telematic appliance through a shared connection through which a control signal and a power signal is provided.

5. (ORIGINAL) The control system of claim 1 wherein:

5 the electronic controller couples electrical power from a generator to the telematic appliance.

6. (ORIGINAL) The control system of claim 1 wherein:

10 the electronic controller controls the electrical power in response to a sensor signal provided by the telematic appliance.

7. (ORIGINAL) The control system of claim 6 wherein:

the sensor signal represents a fault or error condition in the telematic appliance.

15 8. (ORIGINAL) The control system of claim 6 wherein:

the sensor signal represents a media format or load in the telematic appliance.

9. (ORIGINAL) The control system of claim 6 wherein:

the sensor signal represents a location or jurisdiction of the telematic appliance.

20

10. (ORIGINAL) The control system of claim 1 wherein:

the electronic controller controls the electrical power in response to a measured quality of an electrical power signal.

11. (ORIGINAL) The control system of claim 1 wherein:

the electronic controller controls the electrical power according to a predicted function or scheduled service in the telematic appliance.

5

12. (CURRENTLY AMENDED) Vehicle power and telematic control method

comprising steps of:

coupling an electronic controller to a fuel cell module and a telematic appliance; and

10 controlling adaptively by the electronic controller the fuel cell module electrical power to generate electrical power for the telematic appliance, a software being run by the controller to control the power adaptively by redistributing such power reactively or proactively according to a determined load ratio, or power usage proportion.

13. (CURRENTLY AMENDED) Automotive electrical apparatus comprising:

15 a multi-level voltage source; and

a telematic system, coupled to the multi-level voltage unit for accessing a first and second voltage source, a software being run to manage the voltage source adaptively by redistributing power of such voltage source reactively or proactively according to a determined load ratio, or power usage proportion.

20

14. (PREVIOUSLY PRESENTED) The apparatus of claim 13 wherein:

the first voltage source comprises a 36-42 volt-source or bus, and the second voltage source comprises a 12-14 volt-source or bus.

25

15. (PREVIOUSLY PRESENTED) The apparatus of claim 13 wherein:

a DC-DC converter couples the first voltage source to the second voltage source.

16. (PREVIOUSLY PRESENTED) The apparatus of claim 13 wherein:

the telematic system is coupled adaptively to the voltage unit, thereby enabling such voltage unit to provide multi-level voltages to one or more telematic appliances from the group consisting of a wireless or satellite network or communications device, a digital video or audio media or entertainment device, a global positioning or navigational locator or guidance device, and an image camera, radar or biometric sensor device.

17. (PREVIOUSLY PRESENTED) The apparatus of claim 13 wherein:
the first or second voltage source comprises a fuel cell stack, whereby such stack enables multi-level voltages to be generated by one or more fuel cells from the group consisting of a proton exchange membrane fuel cell, a tubular solid oxide fuel cell, an alkaline fuel cell, a phosphoric acid fuel cell, and a molten carbonate fuel cell.

18. (PREVIOUSLY PRESENTED) The apparatus of claim 13 further comprising:
a body or power train controller, coupled to the multi-level voltage unit for accessing the first and second voltage source.

19. (PREVIOUSLY PRESENTED) The apparatus of claim 13 wherein:
the multi-level voltage unit is coupled to a vehicle multimedia bus or a human-machine interface.

20. (PREVIOUSLY PRESENTED) The apparatus of claim 13 wherein:
the telematic system comprises an optical, magnetic or biometric sensor.